

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/04945

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ G02F1/13357, G02F1/1335, G02F1/13363, G02B5/30, F21V8/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G02F1/13357, G02F1/1335, G02F1/13363

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2000-131683 A (Hitachi, Ltd.), 12 May, 2000 (12.05.00), Par. Nos. [0076] to [0082]; Figs. 1, 2 (Family: none)	1-16
A	JP 2002-90725 A (Matsushita Electric Industrial Co., Ltd.), 27 March, 2002 (27.03.02), Full text; all drawings & WO 01/31392 A1	1-16

Further documents are listed in the continuation of Box C. See patent family annex.

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Date of the actual completion of the international search 21 May, 2003 (21.05.03)	Date of mailing of the international search report 03 June, 2003 (03.06.03)
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Faxsimile No.	Telephone No.